

Unamended Pending Claims:

1. (Previously presented): A device for the controlled inhalation of therapeutic aerosols during breathing maneuvers comprising:

means for providing individual patient parameters and/or aerosol parameters for the inhalation; and

adjusting means for adjusting individual aerosol doses on the basis of the predetermined individual patient parameters and/or aerosol parameters by adjusting a respiratory flow and/or a tidal volume of the inhalation device.
2. (Previously presented) The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation comprise a memory medium.:
3. (Original): The inhalation device according to claim 2, wherein the memory medium is an active or passive memory medium.
4. (Original): The inhalation device according to claim 2, wherein the memory medium is a FlashCard, SmartCard or SmartLabel memory medium.
5. (Previously presented): The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation comprise a modem.
6. (Previously presented) : The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation comprise input means for manually inputting individual parameters.
7. (Original): The inhalation device according to claim 2, wherein the individual patient parameters and/or aerosol parameters are stored on the memory medium before the inhalation.

8. (Original): The inhalation device according to claim 2, wherein the memory medium stores the breathing maneuvers carried out.
9. (Previously presented): The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation are provided with manually operable control units and/or switches.
10. (Previously presented): The inhalation device according to claim 1, wherein the adjusting means for adjusting the individual aerosol doses reads out the individual patient parameters and/or aerosol parameters for the inhalation from the means for providing individual patient parameters and/or aerosol parameters for the inhalation, evaluates them and, on the basis thereof, adjusts the respiratory flow and the tidal volume of the inhalation device.
11. (Previously presented): Use of the inhalation device according to claim 1 for inhaling medicinal agents that become effective topically in the respiratory system or systemically comprising the steps of:
- providing individual patient parameters and/or aerosol parameters
- for the inhalation; and
- adjusting individual aerosol doses on the basis of the predetermined individual patient parameters and/or aerosol parameters.
12. (Previously presented): A device for the controlled inhalation of therapeutic aerosols during breathing maneuvers comprising:
- an input mechanism that supports inputs into the device of individual patient parameters and/or aerosol parameters for the inhalation; and
- an adjustment mechanism that adjusts individual aerosol doses administered by the device on the basis of the predetermined individual patient parameters and/or aerosol parameters by adjusting a respiratory flow and/or a tidal volume of the inhalation device.

13. (Previously presented): The device of claim 12 wherein the input mechanism includes a memory medium.
14. (Previously presented): The device of claim 13 wherein the individual patient parameters and/or aerosol parameters for the inhalation are stored by the memory medium before inhalation.
15. (Previously presented): The device of claim 14 wherein the memory medium also stores the breathing maneuvers carried out.
16. (Previously presented): The device of claim 12 wherein the input mechanism includes a modem.
17. (Previously presented): The device of claim 12 wherein the input mechanism includes manual control units.
18. (Previously presented): The device of claim 12 wherein the adjustment mechanism accesses the individual patient parameters and/or aerosol parameters for the inhalation through the input mechanism; evaluates them; and, on the basis thereof, adjusts respiratory flow and tidal volume of the inhalation device.
19. (Previously presented): A method for the controlled inhalation of therapeutic aerosols during breathing maneuvers comprising the steps of:

inputting into a device individual patient parameters and/or aerosol parameters for the inhalation;

and

adjusting individual aerosol doses administered by the device on the basis of the predetermined individual patient parameters and/or aerosol parameters by adjusting a respiratory flow and/or a tidal volume of the inhalation device.
20. (Previously presented): The method of claim 19 wherein the step of inputting includes inserting a memory medium into the device.

21. (Previously presented): The method of claim 20 wherein the individual patient parameters and/or aerosol parameters are stored on the memory medium.
22. (Previously presented): The method of claim 21 wherein the memory medium also stores breathing maneuvers carried out.
23. (Previously presented): The method of claim 19 wherein the step of inputting includes receiving individual patient parameters and/or aerosol parameters for the inhalation through a modem.
24. (previously presented): The method of claim 19 wherein the step of inputting includes manually inputting the individual patient parameters and/or aerosol parameters for the inhalation.
25. (Previously presented): The method of claim 19 wherein the step of adjusting includes evaluating the individual patient parameters and/or aerosol parameters for the inhalation and, on the basis thereof, adjusting respiratory flow and title volume of the inhalation device.